

10/519378

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/00926

A. CLASSIFICATION OF SUBJECT MATTER												
Int. Cl. 7: F24J 2/07, F24J 2/10, H02N 3/00, H02K 44/08												
According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED												
Minimum documentation searched (classification system followed by classification symbols)												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, IEEE (MHD, solar, concentrator, ionisation)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
Y	BAKOS, G.C. et al. DESIGN AND CONSTRUCTION OF A LINE - FOCUS PARABOLIC TROUGH SOLAR CONCENTRATOR FOR ELECTRICITY GENERATION 1999 ISES Solar World Congress 4-9 July 1999 wire0.ises.org/wire/doclibs/SWC1999.nsf/id/87C05AAF7F375672C1256920003D61B0/\$File/142.pdf	1										
Y	US 4523113 A (KALLMAN) 11 June 1985 Abstract, figures	1										
Y	US 4454865 A (TAMMEN) 19 June 1984 Abstract, Figure 2	1										
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention											
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone											
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art											
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family											
"P" document published prior to the international filing date but later than the priority date claimed												
Date of the actual completion of the international search 7 August 2003		Date of mailing of the international search report 18 AUG 2003										
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer DALE E. SIVER Telephone No : (02) 6283 2196										

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 3240965 A1 (INTERATOM INTERNATIONALE ATOMREAKTORBUA GMBH) 10 May 1984 Abstract, figures	1
Y	US 4388542 A (LEE et al.) 14 June 1983 Whole document	1
Y A	WO 79/01086 A1 (DUNCAN) 13 December 1979 Abstract, figures Page 2, Page 11 lines 8-22	1
Y	US 4095118 A (RATHBUN) 13 June 1978 Abstract, figures, column 2 line 65 to column 3 line 33	1
A	US 3934573 A (DANDINI) 27 January 1976 Abstract	1
	Note: None of the above citations disclose the multi-stage solar concentrator including a <u>planar</u> solar collector combined with a parabolic concentrator. The citations (above) categorised as Y all disclose the MHD power generation features combined with another type of solar collector.	
Y	US 4496787 A (TOUCHAIS et al.) 29 January 1985 Abstract, figure 1,2 column 3 lines 42-50, column 4 lines 29-34, claims	21
Y	US 4427838 A (GOLDMAN) 24 January 1984 Whole document, especially Figure 1 flat panel 16	21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00926

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member			
US	4523113	NONE				
US	4454865	NONE				
DE	3240965	NONE				
US	4388542	NONE				
WO	7901086	US	4275318	CA	1130859	EP 19619
US	4095118	NONE				
US	3934573	EG	11979			
US	4496787	EP	83548	FR	2518718	WO 8302310
US	4427838	NONE				
END OF ANNEX						